AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

(Currently Amended) A ferroelectric liquid crystal display, comprising: 1.

a liquid crystal panel including liquid crystal and at least one liquid crystal cell arranged at a crossing area [[at]] of a gate line and a data line;

a data processor supplying red, green and blue data signals to said at least one liquid crystal cell; and

a backlight in a stand-by state during a responding period of the liquid crystal corresponding to each of said supplied red, green and blue data signals, for generating red, green and blue light at the end of each responding period, wherein the backlight generates the red, green and blue light in correspondence with the red, green and blue data signals.

2. (Previously Presented) The ferroelectric liquid crystal display according to claim 1, wherein said liquid crystal panel comprises:

a upper substrate on which a common electrode and a first alignment film are sequentially disposed; and

a lower substrate on which a thin film transistor, a pixel electrode and a second alignment film are sequentially disposed,

wherein the liquid crystal is a ferroelectric liquid crystal interposed between said upper substrate and said lower substrate.

Application No.: 10/017,585 Docket No.: 8733.534.00

Amendment. filed on January 14, 2005

Reply to Office Action dated October 15, 2004

3. (Original) The ferroelectric liquid crystal display according to claim 1, wherein said

backlight includes a backlight driver for supplying an electrical signal to generate red, green and

blue light.

4. (Original) The ferroelectric liquid crystal display according to claim 1, further

comprising a backlight controller for supplying a control signal to generate red, green and blue

light.

5. (Original) The ferroelectric liquid crystal display according to claim 1, said ferroelectric

liquid crystal responds according to said red, green and blue data signals.

6. (Previously Presented) A method of driving a ferroelectric liquid display, comprising:

sequentially supplying red, green and blue data signals to a liquid crystal cell of a liquid

crystal panel, wherein liquid crystal in the liquid crystal cell responds to each of said supplied

red, green and blue data signals during a responding period; and

sequentially generating red, green and blue light at the end of each responding period,

wherein the red, green and blue light is generated in correspondence with the red, green and blue

data signals.

7. (Original) The method according to claim 6, wherein a backlight is in a stand-by state

during the responding period.

8. (Original) The method according to claim 6, wherein said red, green and blue data

signals sequentially are applied to the liquid crystal cell at least once during a frame period.

Application No.: 10/017,585

Amendment. filed on January 14, 2005

Reply to Office Action dated October 15, 2004

9. (Original) The method according to claim 6, wherein the liquid crystal cell includes a

ferroelectric liquid crystal.

10. (Original) The method according to claim 6, further comprising:

supplying a red data signal to said liquid crystal cell and then irradiating a red light,

during a frame period;

supplying a green data signal to said liquid crystal cell and then irradiating a green light,

during said frame period; and

supplying a blue data signal to said liquid crystal cell and then irradiating a blue light,

during said frame period.

11. (Original) The method according to claim 10, wherein after each of the red, green and

blue data signals is supplied, there is a time for the liquid crystal to respond to each respective

data signal.

12. (Original) The method according to claim 10, wherein after at least one of the red light,

green light and blue light is irradiated for a predetermined time, another data signal for another

color is immediately supplied.

13. (Previously Presented) A liquid crystal display device, comprising:

a liquid crystal panel including:

a plurality of gate signal lines;

a plurality of data signal lines;

Docket No.: 8733.534.00

liquid crystal cells in a matrix at crossing points of the gate and data signal lines, the

liquid crystal cells having a liquid crystal therein;

a data driver for supplying data signals to the data signal lines;

a gate driver for supplying gate signals to the gate signal lines;

a controller for receiving a plurality of signals from an interface; and

a backlight in a stand-by state during responding periods as the liquid crystal responds to

the data signals after the data signals are supplied to the liquid crystal cells and generating light

at the end of each responding period.

14. (Original) The liquid crystal display device of claim 13, wherein the data signals include

red, green and blue data signals.

15. (Original) The liquid crystal display device of claim 13, wherein the plurality of signals

include a control signal.

16. (Original) The liquid crystal display device of claim 13, wherein the plurality of signals

include a horizontal synchronization signal.

17. (Original) The liquid crystal display device of claim 13, wherein the plurality of signals

include a vertical synchronization signal.

18. (Original) The liquid crystal display device of claim 13, wherein the plurality of signals

include an input clock signal.

Application No.: 10/017,585 Docket No.: 8733.534.00

Amendment. filed on January 14, 2005

Reply to Office Action dated October 15, 2004

19. (Original) The liquid crystal display device of claim 13, wherein the plurality of signals

include a data enable signal.

20. (Original) The liquid crystal display device of claim 13, wherein controller is capable of

receiving a horizontal synchronization signal and a vertical synchronization signal and

generating a gate start clock and a gate scanning pulse to be supplied to the gate driver.

21. (Original) The liquid crystal display device of claim 13, wherein the controller is capable

of receiving data signals and generating red, green and blue data signals and a data enable signal

to be supplied to the data driver.